Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 21 Nov 2022 until 23:59 on Tuesday 22 Nov 2022

Forecast Issued on Monday 21 Nov 2022 at 03:44

Confidence: Unsettled through the week ahead, with spells of rain or showers and also colder. Low confidence for details, especially in relation to timings.

Headline for Monday 21 Nov 2022: Dry at first but soon giving way to wet and windy conditions.

Mountain weather hazards on Monday 21 Nov 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Low Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Heavy Rain	Light rain	Light rain
Precipitation probability					
10%	30%	70%	90%	60%	60%

Forecast for Monday 21 Nov 2022

Weather: Any frost and fog soon clearing as cloud thickens and lowers through the morning to bring rain, with this becoming heavy and prolonged in the afternoon.

Chance of cloud-free hill tops above 600m: 60% at first Monday, but chance decreasing through the morning, with little chance through the afternoon and evening.

Low cloud and visibility: Scattered cloud near the tops, becoming extensive above 600m though the morning and lowering to 400m at times in rain. Mostly good visibility beneath cloud but some low level fog at first and moderate or poor in heavy rain and becoming widely very poor at height in afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 21 Nov 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 SE	24/34 SE	25/34 SE	25/33 E	18/25 SE	17/22 S	16/22 N
300	13/25 SE	20/33 SE	21/33 SE	21/31 E	11/18 E	11/17 SE	11/17 NW
Valley	8/16 E	13/29 E	14/29 E	14/30 E	8/19 SE	8/17 S	7/16 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	3/-4	2/-5	2/-4	2/-3	3/-3	2/-3
300	6/2	5/-0	4/-1	5/-0	5/2	5/1	4/0
Valley	4/1	5/1	5/1	5/1	5/3	5/2	5/2
Freezing Level*	1100m	1300m	1300m	1200m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some considerable doubt as to track of low pressure moving southeast across the SW of the United Kingdom on Monday, with the risk of stronger winds over the Peak District. Rather cold with some chill effect at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 21 Nov 2022	8.2mm	10.4mm	19.8mm

Forecast for Tuesday 22 Nov 2022

Weather: Rain or showers overnight, with risk of sleet or snow on higher tops, but mainly dry by morning with cloud lifting and beginning to break. Then a rather cloudy start to the day, but cloud continuing to break in the morning to bring bright or sunny spells, but there could be the odd shower in the afternoon and cloudier in the evening with showery rain spreading from west.

Maximum wind: North or northeast 15-20mph becoming southwest in afternoon and increasing 20-25mph in evening

Chance of cloud-free hill tops above 600m: 10% improving 40% overnight, then becoming 70% in the morning. Chance decreasing in evening.

Low cloud and visibility: Extensive above 450-600m in early hours, but broken by end of the night. Becoming scattered to broken in the morning and rising close to tops with only the odd patch down to 500m, but more extensive in evening. Mostly good visibility, but poor or very poor at height in rain and in thicker cloud early and late in day.

Temperature: **Valleys:** Plus 4 C rising to 7 C
At 600m: 2 or 3C, later 4 or 5 C
Freezing level: Falling to 800m overnight then rising to 1100m in morning

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